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United States
Department of
Agriculture

Agricultural
Marketing
Service

Volume 14, No. 1
January-March
1986

C2

Plant Variety Protection Office Official Journal



PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office
Agricultural Marketing Service
U.S. Department of Agriculture
National Agricultural Library Bldg., Rm. 500
Beltsville, Maryland 20705

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APPLICATIONS RECEIVED
JANUARY 1, 1986 TO MARCH 31, 1986

Applications for protection have been filed for the following varieties, each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. Seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
ALFALFA				
8600065	5444		02/04/86	Pioneer Hi-Bred International, Inc.
8600066	5929		02/04/86	Pioneer Hi-Bred International, Inc.
BARLEY				
8600081	B1202	(3)	03/17/86	Busch Agricultural Resources, Inc.
8600082	B1201	(3)	03/17/86	Busch Agricultural Resources, Inc.
8600083	B1601	(3)	03/17/86	Busch Agricultural Resources, Inc.
8600084	B1602	(3)	03/17/86	Busch Agricultural Resources, Inc.
BEAN, FIELD				
8600052	Venture		01/14/86	Gallatin Valley Seed Co.
8600053	Sunkist		01/14/86	Gallatin Valley Seed Co.
8600075	Crestwood	(*)	02/18/86	Gentec, Inc.

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BEAN, FIELD			
86000088	Beryl	02/24/86	Rogers Brothers Seed Company
86000089	Felspar	02/24/86	Rogers Brothers Seed Company
86000090	Topaz	02/24/86	Rogers Brothers Seed Company
BEAN, GARDEN			
86000049	Earliserve	01/09/86	Musser Seed Co.
86000050	Landmark	01/09/86	Musser Seed Co.
86000051	Slenderwax	01/09/86	Musser Seed Co.
86000094	<XP-B186>	02/27/86	Asgrow Seed Co.
86000095	Bronco	02/27/86	Asgrow Seed Co.
86000096	<XP-B167>	02/27/86	Asgrow Seed Co.
86000097	<XP-B169>	02/27/86	Asgrow Seed Co.

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BEAN, GARDEN 8600098	Sentry	02/27/86	Asgrow Seed Co.
8600099	Podsquad	02/27/86	Asgrow Seed Co.
CAULIFLOWER 8600069	<SG 125>	02/10/86	Sluis & Groot of America, Inc.
CHRYSANTHEMUM 8600076	Santana	02/24/86	Dr. E. Sahin
CORN, FIELD 8600047	PHG29	01/06/86	Pioneer Hi-Bred International, Inc.
8600091	78002A	03/24/86	DeKalb-Pfizer Genetics
8600092	4676A	03/24/86	DeKalb-Pfizer Genetics
COTTON 8600073	Deltapine 77	02/13/86	Delta and Pine Land Company

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COTTON			
8600085	Quapaw D	03/11/86	T. W. Rogers, Sr.
8600086	Lankart 511	03/19/86	Cargill Incorporated, Seed Division
8600087	Paymaster HS 26	03/19/86	Cargill Incorporated, Seed Division
FESCUE, HARD			
8600070	Aurora	02/10/86	Pure-Seed Testing, Inc.
FESCUE, RED			
8600077	Flyer	02/24/86	Pure Seed Testing, Inc.
LETTUCE			
8600045	Canasta	01/02/86	Sluis & Groot Research
8600055	<GCT 374>	01/21/86	Genecorp Technology
OAT			
8600074	Proat	(3) 02/10/86	Minnesota Agricultural Experiment Station
ONION			
8600072	Corona Italian Red	02/10/86	Mr. and Mrs. James Corona

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PEA			
8600054	Daybreak	01/14/86	Gallatin Valley Seed Co.
8600067	Nomad	02/05/86	Rogers Brothers Seed Co.
8600100	<XP-F175>	02/27/86	Asgrow Seed Co.
PEPPER			
8600059	Hidalgo	01/21/86	Texas Agricultural Experiment Station
PUMPKIN			
8600093	Happy	03/25/86	Jennie Catherine Brush
RADISH			
8600048	Belle Glade	01/13/86	Harris Moran Seed Company
RAPE			
8600063	Liradonna	(3) 01/31/86	Nickerson American Plant Breeders, Inc.
REED CANARYGRASS			
8600060	Venture	01/21/86	Research Seeds, Inc.

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RYEGRASS, PERENNIAL			
8600071	Jazz	02/10/86	Pure-Seed Testing, Inc.
8600078	Trimmer	02/20/86	D. J. van der Have B.V.
SOYBEAN			
8600044	Hartz 6383R	01/02/86	Jacob Hartz Seed Company, Inc.
8600046	Regal	01/06/86	Purdue University Agricultural Exp. Stn. and USDA-ARS
8600056	AP 2190	01/21/86	Nickerson American Plant Breeders, Inc.
8600057	AP 3023	01/21/86	Nickerson American Plant Breeders, Inc.
8600058	AP 4321	01/21/86	Nickerson American Plant Breeders, Inc.
8600068	Sampson	02/07/86	Helena Chemical Company
8600079	Hawkson	03/07/86	Identity Seed & Grain Company

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APPL. NO.	VARIETY	GEN. APPL. (*)	NAME OF APPLICANT
8600061	<NV 4301>	01/27/86	Northrup King Co.
8600080	WHEAT, COMMON Celtic	(3) 03/10/86	Nickerson American Plant Breeders, Inc.

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ALFALFA				
81000066	Expo	01/31/86		Nickerson American Plant Breeders, Inc.
	'Expo' most closely resembles the variety 'Apollo'. 'Expo' differs from 'Apollo' by its higher level of resistance to spotted alfalfa aphid biotype H (highly resistant vs. resistant).			
82000037	Thunder	02/28/86		Nickerson American Plant Breeders, Inc.
	'Thunder' is most similar to 'Armor', but 'Thunder' is more fall dormant than 'Armor'. 'Thunder' has fall dormancy equivalent to 'Ranger', whereas 'Armor' is somewhat less fall dormant than 'Saranac'.			
BARLEY				
8200155	Lindy	(3) 02/28/86		Nickerson American Plant Breeders, Inc.
	'Lindy' is most similar to 'Steptoe'; however, 'Lindy' has a lax head and hairs cover the rachis whereas 'Steptoe' has a middense head and only a few hairs are on the edge of its rachis. 'Lindy' has a few teeth (barbs) on the lateral veins of the lemma and at boot stage its flag leaf is perpendicular to the stem. 'Steptoe' has numerous teeth on the lateral veins of the lemma and its flag leaf is recurved at boot stage.			
8200157	Teton	(3) 02/28/86		Nickerson American Plant Breeders, Inc.
	'Teton' most closely resembles 'Steptoe'; however, 'Teton' has slightly waxy leaves and few teeth (barbs) on the lateral and marginal nerves of the lemma whereas 'Steptoe' has non-waxy leaves and numerous teeth on the lateral nerves of the lemma. The rachis of 'Teton' is covered with hairs and at boot its flag leaf is perpendicular to the stem, whereas the rachis of 'Steptoe' has few hairs on the edge and its flag leaf is recurved at boot.			

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BEAN, FIELD
8300041 Opal
03/31/86 Rogers Brothers Seed Co.

'Opal' is most similar to 'Sanilac'; however, 'Opal' is an indeterminate semi-vine with resistance to strains BV 1 and NY 15 of bean common mosaic virus whereas 'Sanilac' is a determinate bush with resistance to only the BV 1 strain of bean common mosaic virus.

8500164 Lassen (3) 01/31/86 Sacramento Valley Milling, Inc.

'Lassen' is most similar to 'Sacramento'. However, 'Lassen' has white, semi-glossy seed and white flowers whereas 'Sacramento' has light red, glossy seed and lavender flowers.

BEAN, GARDEN
8300047 Slingym
02/28/86 Gallatin Valley Seed Co.

'Slingym' is most similar to 'Galagreen', but has darker pod color (141C vs. 144A using the Royal Hort. Soc. Color Chart.)

8300048 Benton
02/28/86 Gallatin Valley Seed Co.

'Benton' is most similar to 'Galagreen', but 'Benton' has fewer seeds per pod (7 vs. 8), smaller seeds (29 vs 32 grams per 100 seed), darker green pods, and has no tendency to produce pods in split sets, as does 'Galagreen'.

BLUEGRASS, KENTUCKY
8500016 Classic
02/28/86 Jacklin Seed Company

'Classic' most closely resembles 'Fylking'; however, 'Classic' reaches anthesis 5 days later than 'Fylking'. 'Classic' has hairs on its ligules and sheath margins, but 'Fylking' does not.

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BLUEGRASS, KENTUCKY 8500082	Challenger		01/31/86	Pure-Seed Testing, Inc.
			'Challenger' most closely resembles 'Majestic'; however, 'Challenger' is 7 cm taller (55 vs 48 cm), and has a brighter, darker green color (RHC 135A vs 136B) than 'Majestic'.	
	8500113 Able I		03/31/86	Pure-Seed Testing, Inc.
8500212	Julia		'Able I' most closely resembles 'Nugget'; however, 'Able I' is taller (53 vs 26 cm), matures 6 days later, and has a darker green color (136A vs 135A RHC) than 'Nugget'.	
			01/31/86	Van Engelen Zaden B.V.
			'Julia' most closely resembles 'Merion' Kentucky bluegrass; however, 'Julia' heads 4 days earlier and is taller (82.4 vs 71.4 cm) than 'Merion'. 'Julia' has an erect growth habit and 'Merion' is semi-prostrate.	
CAULIFLOWER 8500151	SG 111		03/31/86	Sluis & Groot Research
			'SG 111' is most similar to 'Snowball Y'; however, 'SG 111' leaves are more petioled (25% vs 15%) and 'SG 111' has darker green leaves than 'Snowball Y' (RHS color chart 139-B vs 138-B).	
CORN, FIELD 8400110	SX-5-11		02/28/86	The Standard Oil Co.
			SX-5-11' is most similar to the tetraploid varieties 'SX-4-2', 'SX-4-4', 'SX-5-6', and 'SX-6-3'; however, 'SX-5-6' has pink anthers, dark green leaves, and red cobs whereas 'SX-4-2' and 'SX-5-6' have yellow anthers, 'SX-4-4' has light green leaves, and 'SX-6-3' has white cobs.	

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CORN, FIELD				
8400117	SX-4-2		02/28/86	The Standard Oil Co.
		'SX-4-2' is most similar to the tetraploid varieties 'SX-4-4', 'SX-5-6', 'SX-5-11', and 'SX-6-3'; however, 'SX-4-2', has pink glumes, 7 tassel branches, 18 kernel rows, and yellow anthers whereas 'SX-4-4' has yellow glumes, 'SX-5-6' has 14 tassel branches, 'SX-5-11' has 14 kernel rows and 'SX-6-3' has pink anthers.		
8400157	PHG71		01/31/86	Pioneer Hi-Bred International, Inc.
		'PHG71' is most similar to 'A632Ht'; however, 'PHG71' reaches the 50% silk stage later than 'A632Ht' (1510 vs 1450 heat units) and 'PHG71' plants are shorter than 'A632Ht' plants (188 vs 225 cm).		
8500038	LH93		03/31/86	Holden's Foundation Seeds, Inc.
		'LH93' most closely resembles 'B77'; however, 'LH93' anther glumes are green with brown margins whereas 'B77' anther glumes are green with purple margins (Munsell Color Charts 5YR 6/8 vs 5RP 4/8).		
8500046	SX-5-13-3		03/31/86	The Standard Oil Co.
		'SX-5-13-3' is most similar to the tetraploid varieties 'SX-5-6', 'SX-5-11', 'SX-5-9-1-2', 'SX-5-14-1-2', and 'SX-5-18'; however, 'SX-5-13-3' has yellow anther glumes, whereas 'SX-5-6', 'SX-5-11', 'SX-5-9-1-2', and 'SX-5-18' have pink anther glumes and 'SX-5-13' has 20 tassel branches whereas 'SX-5-14-1-2' has 12 tassel branches.		
8500047	SX-4-33-4-2		03/31/86	The Standard Oil Co.
		'SX-4-33-4-2' is most similar to the tetraploid varieties 'SX-4-2', 'SX-4-4', 'SX-4-16-2', and 'SX-4-32-1'; however, 'SX-4-33-4-2' has pink anthers whereas these other varieties have yellow anthers.		

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CORN, FIELD				
8500048	SX-4-16-2		03/31/86	The Standard Oil Co.
	'SX-4-16-2' is most similar to the tetraploid varieties 'SX-4-2', 'SX-4-4', 'SX-4-32-1', and 'SX-4-33-4-2'; however, 'SX-4-16-2' has white cobs, light green husks, and an ear height of 105 cm whereas, 'SX-4-2' and 'SX-4-33-4-2' have red cobs, 'SX-4-32-1' has dark green husks, and 'SX-4-4' has an ear height of 120 cm.			
8500049	SX-4-32-1		03/31/86	The Standard Oil Co.
	'SX-4-32-1' is most similar to the tetraploid varieties 'SX-4-2', 'SX-4-4', 'SX-4-16-2' and 'SX-4-33-4-2'; however, 'SX-4-32-1' has white cobs and dark green husks whereas 'SX-4-2' and 'SX-4-33-4-2' have red cobs and 'SX-4-4' and 'SX-4-16-2' have light green husks.			
8500086	DJ7		02/28/86	Edward J. Funk & Sons, Inc.
	'DJ7' is most similar to 'B73'; however, 'DJ7' sheds pollen 2 days earlier, and silks 2-3 days earlier than 'B73'.			
8500152	PHG83		02/28/86	Pioneer Hi-Bred International, Inc.
	'PHG83' is most similar to Pioneer inbred '207'; however, 'PHG83' has green glumes and silks whereas '207' has red glumes and silks.			

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COTTON			
8500088	Dunn 325	02/28/86	Dunn Seed Farms, Inc.
	'Dunn 325' most closely resembles 'Dunn 118', 'Dunn 119', 'Dunn 120' and 'Dunn 224'; however, 'Dunn 325' has open bolls whereas 'Dunn 118', 'Dunn 119', 'Dunn 120' and 'Dunn 224' have storm resistant bolls.		
8500089	Dunn 109	01/31/86	Dunn Seed Farms, Inc.
	'Dunn 109' most closely resembles 'Dunn 118', 'Dunn 119', 'Dunn 120' and 'Dunn 224'; however 'Dunn 109' has extremely storm resistant bolls whereas 'Dunn 118', 'Dunn 119', 'Dunn 120' and 'Dunn 224' have average storm resistant bolls.		
8500090	Dunn 1047	01/31/86	Dunn Seed Farms, Inc.
	'Dunn 1047' most closely resembles 'Dunn 118', 'Dunn 119', 'Dunn 120' and 'Dunn 224'; however 'Dunn 1047' matures 13 to 18 days earlier than 'Dunn 118', 'Dunn 119', 'Dunn 120' and 'Dunn 224'.		
8500091	Dunn 1002	01/31/86	Dunn Seed Farms, Inc.
	'Dunn 1002' most closely resembles 'Dunn 118', 'Dunn 119', 'Dunn 120' and 'Dunn 224'; however, 'Dunn 1002' seeds germinate 2 to 4 days sooner than those of 'Dunn 118', 'Dunn 119', 'Dunn 120' and 'Dunn 224'.		
8500162	Stoneville 112	02/28/86	Stoneville Pedigreed Seed Company, Inc.
	'Stoneville 112' most closely resembles 'Stoneville 213'; however, 'Stoneville 112' plants are 12 cm shorter (120 vs 132 cm) than 'Stoneville 213'.		

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FESCUE, CHEWINGS

8400152 Wilma

(2) 02/28/86

'Wilma' most closely resembles 'Koket'; however, 'Wilma' has shorter plants (75 vs 78cm) and shorter panicles (11 vs 12cm) than 'Koket'.

FESCUE, HARD

8500214 Spartan

02/28/86 Pickseed West, Inc.

'Spartan' is most similar to 'Scaldis'; however, 'Spartan' heads 2 days earlier and is shorter (89 vs 96cm) than 'Scaldis'.

FESCUE, MEADOW

8400049 First

02/28/86 Snow Brand Seed Co., Japan

'First' most closely resembles 'Trader'; however, 'First' heads 4-5 days earlier and has heavier seeds (2360 vs 1960 mg/1000 seed) than 'Trader'.

FESCUE, TALL

8500084 Astro

03/31/86 Pure-Seed Testing, Inc.

'Astro' most closely resembles 'Falcon' and 'Finelawn I'; however, 'Astro' matures 3 days earlier and has a darker green leaves (RHC 137A vs 137B) than 'Falcon'. 'Astro' is 5 cm shorter at maturity and has a darker green leaves (RHC 137A vs 137C) than 'Finelawn I'.

8500100 Bonanza

03/31/86 Pure-Seed Testing, Inc.

'Bonanza' most closely resembles 'Apache'; however, 'Bonanza' matures 4 days later and has a darker green leaves (RHC 131A vs 136A) than 'Apache'.

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FESCUE, TALL 8500161	Chesapeake	03/31/86	The O. M. Scott & Sons Company	
	'Chesapeake' most closely resembles 'Falcon' but 'Chesapeake' is more resistant to brown patch (7% vs 30% of turf damaged) than 'Falcon'.			
8600039	Safe	03/31/86	Ag Tech, Inc.	
	'Safe' most closely resembles 'Kenhy' and 'Johnstone'; however, 'Safe' is resistant to crown rust and powdery mildew whereas 'Kenhy' and 'Johnstone' are susceptible to these diseases.			
GAZANIA SPLENDENS 8400100	Mini-Star Tangerine	02/28/86	Ernst Benary, W. Ger.	
	'Mini-Star Tangerine' is most similar to 'Mini-Star Yellow'; however, 'Mini-Star Tangerine' has tangerine ray florets whereas 'Mini-Star Yellow' has yellow ray florets.			
MEADOWFOAM 8500166	Mermaid	(2) 03/31/86	Oregon Agriculture Experiment Station	
	'Mermaid' most closely resembles 'Foamore'; however, 'Mermaid' has a lower seed shattering percentage (4.6 vs 13.5%), a lighter seed weight (7.13 vs 7.71 g/100 seed), and a better plant lodging resistance (2.3 vs 4.0 where 5= severe) than 'Foamore'.			
PEA 8500013	Belinda	(3) 03/31/86	Cebeco-Handelsraad, Neth.	
	'Belinda' is most similar to 'Flavanda' and 'Paloma'; however, 'Belinda' has smaller seeds (32 vs 34 g per 100 seeds) and shorter straw length (71 vs 83 cm) than 'Flavanda' and 'Belinda' has larger seeds (32 vs 29 g per 100 seeds) and flowers 3 days earlier than 'Paloma'.			

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PEA 85000015	Othello	(3) 03/31/86	Cebeco-Handelsraad, Neth.
	'Othello' is most similar to 'Carpo'; however, 'Othello' begins flowering 3 days earlier than 'Carpo'.		
85000087	MF-502	03/31/86	L. D. Maffei Seed Co., Inc.
	'MF-502' is most similar to 'Puget' and 'Grant'; however, 'MF-502' is resistant to fusarium wilt race 5 whereas 'Puget' and 'Grant' are susceptible.		
85000097	MC-201	03/31/86	L. D. Maffei Seed Co., Inc.
	'MC-201' is most similar to 'Alaska', 'Alsweet', 'Early Sweet 11' and 'Sprite'; however 'MC-201' seeds are dimpled whereas 'Alaska' seeds are smooth and 'Alsweet', 'Early Sweet 11' and 'Sprite' seeds are wrinkled.		
8500130	Goya	02/28/86	Asgrow Seed Co.
	'Goya' most closely resembles 'Rondo' and 'Utrillo'; however, 'Goya' is resistant to race 1 of fusarium wilt whereas 'Rondo' is susceptible and 'Goya' is 3-4 days later to first flower than 'Utrillo'.		
8500131	Utrillo	02/28/86	Asgrow Seed Co.
	'Utrillo' most closely resembles 'Rondo' and 'Goya'; however, 'Utrillo' is resistant to fusarium wilt, race 1 whereas 'Rondo' is susceptible and 'Utrillo' is 3-4 days earlier to first flower than 'Goya'.		

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM
JANUARY 1, 1986 TO MARCH 31, 1986

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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PEA

8500132	Saber		02/28/86	Asgrow Seed Co.
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'Saber' most closely resembles 'Nugget'; however 'Saber' has pointed pods and bears 3 to 4 pods per node whereas 'Nugget' has blunt pods and bears a maximum of 2 pods per node.

8500133	Leah		02/28/86	Asgrow Seed Co.
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'Leah' is most similar to 'Puget', 'Dante', and 'Grant'; however, 'Leah' is resistant to races 5 and 6 of fusarium wilt whereas 'Puget' is susceptible to races 5 and 6; 'Dante' is susceptible to race 6; and 'Grant' is susceptible to race 5.

8500134	Citadel		01/31/86	Asgrow Seed Co.
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'Citadel' is most similar to 'Mini 93'; however, 'Citadel' is a freezer type having dark green peas whereas 'Mini 93' is a canning type having light green peas.

RYEGRASS, PERENNIAL
8200044 Goalie

01/31/86 Northrup King Co.

'Goalie' is most similar to 'Pennfine'; however, 'Goalie' flowers from 6 to 13 days later and is from 4 to 9 cm shorter than 'Pennfine'.

SAFFLOWER

8500065	Oker	(*)	02/28/86	Montana Agricultural Experiment Station
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'Oker' is most similar to 'S-208'; however, 'Oker' seeds have a predominately purple striped hull whereas 'S-208' seeds have a predominately white normal hull.

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM
JANUARY 1, 1986 TO MARCH 31, 1986

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
SOYBEAN				
8400035	Riverside 303C		01/31/86	Lynnville Seed Co.
	'Riverside 303C' is most similar to '90339-30435'; however, 'Riverside 303C' plants are 9 cm shorter than '90339-30435' plants.			
8400080	J-8287		03/31/86	Jacques Seed Company
	'J-8287' is most similar to 'Swift'; however, 'J-8287' has purple flowers and tan hila whereas 'Swift' has white flowers and black hila.			
8400150	A4271		03/31/86	Asgrow Seed Co.
	'A4271' most closely resembles 'Union'; however, 'A4271' is susceptible to <u>Phytophthora</u> rot whereas 'Union' is resistant.			
8500022	KG30		02/28/86	King Grain U.S.A., Inc.
	'KG30' is most similar to 'Maple Arrow'; however, 'KG30' seeds are three grams per 100 lighter and its plants are six centimeters shorter than 'Maple Arrow'.			
8500023	KG20		02/28/86	King Grain U.S.A., Inc.
	'KG20' is most similar to 'Maple Amber'; however, 'KG20' matures two days earlier and its plants are 8 cm shorter than 'Maple Amber'.			
8500024	KG70		02/28/86	King Grain U.S.A., Inc.
	'KG70' is most similar to 'Hodgson 78'; however, 'KG70' has seeds with yellow hila whereas 'Hodgson 78' has seeds with buff hila.			

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM
JANUARY 1, 1986 TO MARCH 31, 1986

CERT. NO.	VARIETY	GEN. (*) DATE	NAME OF OWNER
SOYBEAN			
8500140	L1771	01/31/86	Land 0' Lakes, Inc.
	'L1771' is most similar to 'L4104'; however, 'L1771' matures 20 days earlier and its plants are 17 cm shorter than 'L4104'.		
8500141	L2330	01/31/86	Land 0' Lakes, Inc.
	'L2330' is most similar to 'L4104'; however, 'L2330' matures 14 days earlier than 'L4104'.		
8500143	9591	02/28/86	Pioneer Hi-Bred International, Inc.
	'9591' is most similar to 'Deltapine 105'; however, '9591' has buff hila whereas 'Deltapine 105' has imperfect black hila.		
8500144	9061	02/28/86	Pioneer Hi-Bred International, Inc.
	'9061' is most similar to 'Ozzie'; however, '9061' has smaller seeds than 'Ozzie' (14 vs 16 grams per 100 seeds).		
8500145	9691	02/28/86	Pioneer Hi-Bred International, Inc.
	'9691' is most similar to 'Centennial' and 'Deltapine 506'; however, '9691' has white flowers whereas 'Centennial' has purple flowers and '9691' is resistant to race 3 of soybean cyst nematode whereas 'Deltapine 506' is susceptible.		

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM
JANUARY 1, 1986 TO MARCH 31, 1986

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
SOYBEAN				
8500146	9791		02/28/86	Pioneer Hi-Bred International, Inc.
'9791' is most similar to 'Braxton' and 'Deltapine 417'; however, '9791' has gray pubescence whereas 'Braxton' has tawny pubescence and '9791' matures 4 days earlier than 'Deltapine 417'.				
8500156	A1525		03/31/86	Asgrow Seed Co.
'A1525' most closely resembles 'Hodgson 78' and 'A1564'; however, 'A1525' has yellow hila whereas 'Hodgson 78' has buff hila and 'A1525' plants are 8 cm shorter than 'A1564' plants (80 vs 88cm).				
TOMATO				
8500030	Tioga		03/31/86	Campbell Soup Company
'Tioga' is most similar to 'UC82B': however, 'Tioga' has higher total solids (5.8% vs 5.1%), larger fruit size (60g vs 54g) and a thinner outer fruit wall (6mm vs 9mm) than 'UC82B'.				
WHEAT, COMMON				
8300030	Scotty	(3)	01/31/86	Illinois Agricultural Experiment Station and ARS-USDA
'Scotty' is most similar to 'Arthur', one of its parents; however, 'Scotty' has purple coleoptiles whereas the coleoptiles of 'Arthur' are white. 'Scotty' is very resistant and 'Arthur' is susceptible to the races of powdery mildew prevalent at Urbana, Illinois.				
8300042	Jesse	(3)	02/28/86	Technology Nickerson American Plant Breeders, Inc.
'Jesse' is most similar to 'Newton' and 'Hawk'; however, the beak of 'Jesse' is longer (4.6 mm) than that of 'Newton' (3.8 mm) and shorter than that of 'Hawk' (7.8 mm). 'Jesse' has a greater test weight (58.0) than 'Hawk' (56.8) and 'Newton' (57.2).				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM
JANUARY 1, 1986 TO MARCH 31, 1986

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
WHEAT, COMMON				
8300064	Feland	(3)	03/31/86	Coker's Pedigreed Seed Co.
'Feland' most closely resembles 'Coker 68-15'; however, 'Feland' averages 9 cm taller than 'Coker 68-15' and is resistant to the races of powdery mildew prevalent at Hartsville, South Carolina, whereas 'Coker 68-15' is not.				
8300068	715		01/31/86	Rohm and Haas Seeds, Inc.
'715' is most similar to 'Era'; however, '715' has longer beaks than 'Era' (8-11 vs 4-8 mm) and '715' is moderately susceptible to races TNMH and RTQQ of <i>Puccinia graminis</i> f. sp. <i>tritici</i> whereas 'Era' is immune. '715' is moderately resistant to race TNMQ of <i>P. graminis</i> f. sp. <i>tritici</i> whereas 'Era' is immune.				
8300161	HR 64	(3)	02/28/86	Nickerson American Plant Breeders, Inc.
'HR 64' is most similar to 'Vona'; however, 'HR 64' has longer beaks than 'Vona' (6.77 vs 3.64 mm) and 'HR 64' matures 2 days later than 'Vona' (rated 5.5 vs 3.5 on a scale where 1 = earliest and 9 = latest).				
8300162	HR 53	(3)	03/31/86	Nickerson American Plant Breeders, Inc.
'HR 53' is most similar to 'Vona'; however, 'HR 53' has a twisted flag leaf and hairs present on its auricles and last rachis internodes whereas the flag leaf of 'Vona' is not twisted and 'Vona' does not have hairs on its auricles or last rachis internodes. 'HR 53' has medium length brush hairs, a narrow seed crease and anthocyanin pigmentation in its auricles; 'Vona' has short brush hairs, a wide seed crease and no anthocyanin in its auricles.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM
JANUARY 1, 1986 TO MARCH 31, 1986

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
WHEAT, COMMON				
8400014	Buckshot	(3)	01/31/86	Nickerson American Plant Breeders, Inc.
8400026	2165		01/31/86	Pioneer Hi-Bred International, Inc.
8400027	2157		01/31/86	Pioneer Hi-Bred International, Inc.
8400043	2172		01/31/86	Pioneer Hi-Bred International, Inc.

'Buckshot' is most similar to 'Era'; however, 'Buckshot' is 4.9 cm taller than 'Era' and has longer heads (8.58 vs 6.45 cm) than 'Era'. 'Buckshot' glumes have rounded shoulders whereas glumes of 'Era' have oblique shoulders. 'Buckshot' is 2 days earlier than 'Era' and has longer (26 vs 24 cm) leaves than 'Era'.

'2165' is most similar to 'Sturdy'; however, '2165' has an erect flag leaf at boot and is resistant to races GP, A and B of Hessian fly whereas 'Sturdy' has a recurved flag leaf at boot and is susceptible to races GP, A and B of Hessian fly.

'2157' is most similar to 'Sturdy'; however, '2157' has erect flag leaves at booting and is resistant to races GP, A, B and C of Hessian fly whereas 'Sturdy' has recurved flag leaves at booting and is susceptible to races GP, A, B and C of Hessian fly.

'2172' is most similar to 'TAM W-101'; however, '2172' is resistant to races GP, A and C of Hessian fly whereas 'TAM W-101' is susceptible. '2172' averages 3 cm shorter than 'TAM W-101' and is 2 to 3 days earlier in heading than 'TAM W-101'. Also, '2172' has a more erect leaf habit at booting than does 'TAM W-101'.

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APPLICATIONS AMENDED
JANUARY 1, 1986 TO MARCH 31, 1986

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information to be amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BEAN, GARDEN 8400037	Mikado	01/09/84	Sunseeds, a Division of Agrigenetics
	Name of applicant changed from Agrigenetics Corporation, Vegetable Products Group to Sunseeds, a Division of Agrigenetics. Variety with temporary designation of AVX 450 named 'Mikado'.		
8500137	Laureat	04/30/85	Asgrow Seed Co.
	Variety with temporary designation of XP-B158 named 'Laureat'.		
CORN, FIELD 8400111	SX-4-21	05/25/84	The Standard Oil Co.
	Variety with temporary designation of X-4-21 named 'SX-5-13-3'.		
8400112	X-6-7	05/25/84	The Standard Oil Co.
	Variety with temporary designation of X-6-7 named 'SX-6-7'.		
8400113	SX-6-10	05/25/84	The Standard Oil Co.
	Variety with temporary designation of X-6-10 named 'SX-6-10'.		

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< > Identifies temporary designations.

APPLICATIONS AMENDED
JANUARY 1, 1986 TO MARCH 31, 1986

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information to be amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
CORN, FIELD			
8400114	X-5-6	05/25/84	The Standard Oil Co.
	Variety with temporary designation of X-5-6 named 'SX-5-6'.		
8400115	SX-4-5	05/25/84	The Standard Oil Co.
	Variety with temporary designation of X-4-5 named 'SX-4-5'.		
8400116	SX-4-4	05/25/84	The Standard Oil Co.
	Variety with temporary designation of X-4-4 named 'SX-4-4'.		
8400118	SX-6-3	05/25/84	The Standard Oil Co.
	Variety with temporary designation of X-6-3 named 'SX-6-3'.		
8500044	SX-5-18	01/24/85	The Standard Oil Co.
	Variety with temporary designation of X-5-18 named 'SX-5-18'.		
8500045	SX-5-9-1-2	01/24/85	The Standard Oil Co.
	Variety with temporary designation of X-5-9-1-2 named 'SX-5-9-1-2'.		

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< > Identifies temporary designations.

APPLICATIONS AMENDED
JANUARY 1, 1986 TO MARCH 31, 1986

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information to be amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
CORN, FIELD 8500050	SX-6-15-2-1	01/24/85	The Standard Oil Co.
	Variety with temporary designation of X-6-15-2-1 named 'SX-6-15-2-1'.		
8500051	SX-5-14-1-2	01/24/85	The Standard Oil Co.
	Variety with temporary designation of X-5-14-1-2 named 'SX-5-14-1-2'.		
FESCUE, TALL 8500184	Southland	08/02/85	International Seeds, Inc.
	Name changed from 'Marathon' to 'Southland'		
LETTUCE 8400054	VAN SAL 210	02/22/84	Genecorp Technology
	Variety with temporary designation of <GCT 210> named 'Van Sal 210'.		
8500003	Desert Queen	10/02/84	Genecorp Technology
	Variety with temporary designation of <GCT 179> named 'Desert Queen.'		

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APPLICATIONS AMENDED
JANUARY 1, 1986 TO MARCH 31, 1986

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information to be amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
WHEAT, COMMON 8400047	<IS-8314>	(3) 02/13/84	Sogetal, Inc.
	Number of generations of certified seed permitted beyond breeder's seed changed from 2 to 3.		
8400048	<IS-8322>	(3) 02/13/84	Sogetal, Inc.
	Number of generations of certified seed permitted beyond breeder's seed changed from 2 to 3.		

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< > Identifies temporary designations.

CERTIFICATES AMENDED

JANUARY 1, 1986 TO MARCH 31, 1986

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD				
8400110	SX-5-11		02/28/86	The Standard Oil Co.
	Variety with temporary designation of X-5-11 named 'SX-5-11'.			
8400117	SX-4-2		02/28/86	The Standard Oil Co.
	Variety with temporary designation of X-4-2 named 'SX-4-2'.			
8500046	SX-5-13-3		03/31/86	The Standard Oil Co.
	Variety with temporary designation of X-5-13-3 named 'SX-5-13-3'.			
8500047	SX-4-33-4-2		03/31/86	The Standard Oil Co.
	Variety with temporary designation of X-4-33-4-2 named 'SX-4-33-4-2'.			
8500048	SX-4-16-2		03/31/86	The Standard Oil Co.
	Variety with temporary designation of SX-4-16-2 named 'SX-4-16-2'.			
8500049	SX-4-32-1		03/31/86	The Standard Oil Co.
	Variety with temporary designation of X-4-32-1 named 'SX-4-32-1'.			

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CERTIFICATES AMENDED
JANUARY 1, 1986 TO MARCH 31, 1986

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
LETTUCE 7400015	Winterhaven	06/24/74		Harnish-Brinker Seed/First Interstate Bank of Arizona
	Name of owner changed from Harnish-Brinker Seed/Marvins Seed to Harnish-Brinker Seeds/L. Marvin Rouhotas to Harnish-Brinker Seeds/Charles R. Scroggs and Louis Didier to Harnish-Brinker Seeds/First Interstate Bank of Arizona.			
MUSKMELON 8200138	Musketeer	07/21/83		Northrup King Co.
	Name of owner changed from Goldsmith Seeds, Inc. to Northrup King Co.			
TOMATO 8500030	Tioga	03/31/86		Campbell Soup Company Campbell Institute for Research and Technology

Variety with temporary designation of CX 8309 was named 'Tioga'.

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE
JANUARY 1, 1986 TO MARCH 31, 1986

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

KIND	APPL.NO.	VARIETY
ALFALFA	8100065	Duke
ALFALFA	8100068	Mercury
BARLEY	8300153	Acclaim
TOMATO	8300044	Castleroyal

< > Identifies temporary designations.

GENERAL INFORMATION

Corrections to Previous Journal.

Volume 13 No. 4 page 13 incorrectly described 'Early Sweet 41' as having marbled stipules and leaflets. The correct novelty statement is as follows:

8500042 Early Sweet 41 10/31/85 Pure Line Seeds, Inc.

'Early Sweet 41' most closely resembles 'Early Sweet 5'; however, 'Early Sweet 41' is double and triple flowered whereas 'Early Sweet 5' is single flowered. 'Early Sweet 41' stipules and leaflets are not marbled whereas 'Early Sweet 5' are marbled.

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Agricultural Marketing Service
Warehouse & Seed Division
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